

PERCENTAGE LOG OF WATER-WELL CUTTINGS
UTAH GEOLOGICAL SURVEY

DWRi Appropriation #: 55-11910 (a27922)
 Location: (D-4-2)12dbd, Utah County, Utah
 Driller: Richins Drilling

Well Owner: Mary Young
 Win #: 34244
 Geologist: Janae Wallace, 2/3/09

DEPTH RANGE (FEET)		PERCENTAGES			COMMENTS
		unconsolidated		consolidated	
		sand	gravel	Igneous	
0	1270	0	0	0	no sample; per driller, this interval consists of alluvium
1270	1310	40	60	0	yellow-tan silt, sand, and gravel; gravel is angular and consists dominantly of quartzite and sandstone with trace chert; non calcareous
1310	1320	40	60	0	pink and yellow-tan silt, sand, and gravel; gravel is angular and consists of quartzite, sandstone, and trace chert; non calcareous
1320	1330	20	80	0	“ slightly calcareous
1330	1340	20	80	0	“
1340	1350	20	80	0	“
1350	1360	70	30	0	gray clay with coarse sand (crystals?) and gravel-size clasts; gravel is composed of quartzite, sandstone, and volcanic rock fragments; some biotite crystals; calcareous
1360	1370	0	0	0	no sample
1370	1380	70	30	0	light gray clay, silt, and sand (crystals?) with gravel; gravel is angular and consists of quartz-rich sandstone, quartzite, and volcanic rock fragments (rhyolite and andesite?); biotite; non calcareous
1380	1390	0	0	0	no sample

DEPTH RANGE (FEET)		PERCENTAGES			COMMENTS
		unconsolidated		consolidated	
		sand	gravel	Igneous	
1390	1400	70	20	0	light gray and minor tan clay, silt, and sand (crystals?) with gravel; gravel is angular and consists of quartz-rich sandstone, quartzite, and volcanic rock fragments (rhyolite and andesite?); biotite; non calcareous
1400	1410	60	40	0	“ trace chlorite and white talc-like mineral
1410	1420	0	0	0	no sample
1420	1430	0	0	100	light green-white and gray igneous rock (disaggregated crystals and rock chips) composed of quartz, feldspar, and chlorite, and biotite; non calcareous; quartz monzogranite of the Little Cottonwood Stock?
1430	1440	0	0	0	no sample
1440	1450	0	0	100	light green-white and gray igneous rock (disaggregated crystals and rock chips) composed of quartz, feldspar, and chlorite, and biotite; non calcareous; quartz monzogranite of the Little Cottonwood Stock?